

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101

May 27, 2004

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

Operator Name and Address BLUE DOLPHIN PRODUCTION, LLC 609 S. KELLY, SUITE F1 EDMOND, OK 73003 405-285-5388		OGRID Number 226829
Property Code 34245	Property Name EL POSO	API Number 30-039-29205
Proposed Pool 1 WILDCAT-GREENHORN		Proposed Pool 2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	35	29N	1E		1500'	NORTH	450'	ESAT	RIO ARRIBA

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 7018'
Multiple N	Proposed Depth 1400'	Formation GREENHORN	Contractor L&B SPEED DRILL	Spud Date 9-25-04
Depth to Groundwater >1000'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic XX 20 mils thick Clay <input type="checkbox"/>		Pit Volume: 160 bbls Drilling Method: ROTARY RIG		
Closed-Loop System <input type="checkbox"/>		Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
8-3/4"	7"	20.0	165'	80	SURE
6-1/4"	4-1/2"	10.5	1400'	225	SURE

- 22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.
- 23 SURFACE HOLE TO BE DRILLED w/ FRESH WATER. SURF CSG CMT BASED ON 100% EXCESS OVER GAUGE HOLE. CMT 1.18 CU.FT./SX.
- 24 INSTALL RENGEN 2000# 1000# TEST ANNULAR BOP.
- 25 6-1/4" HOLE TO BE DRILLED w/ FRESH WATER MUD & GEL TO BE MIXED TO MAINTAIN 9.1 PPG & 70 VIS.
- 26 OPEN HOLE LOGS WILL BE RUN TO EVALUATE WELL. IES-GR-SP-CAL-COMP DENSITY-COMP NEUTRON
- 27 LONG STRING CMT VOL BASED ON 700' LEAD SLURRY YIELD 2.24 CU.FT/SX AND 700' TAIL SLURRY YIELD 1.18 CU.FT/SX.
- 28 FINAL CMT VOLUME TO BE CALCULATED USIN 30% EXCESS OVER CALIPER.
- 29
- 30

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: BRADLEY W. SALZMAN

Title: CONSULTANT

E-mail Address: brads@titusconsulting.net

Date: 8-04-04

Phone: 505-486-1701

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

AUG 18 2004

Expiration Date:

AUG 18 2005

Conditions of Approval Attached ☐

HOLD C104 FOR NSL

State of New Mexico
Energy, Minerals & Mining Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C - 102

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APA Number 30-039-29205	Pool Code 97380	Pool Name WC29N1E35; Greenhorn
Property Code 34245	Property Name El Poso	Well Number 2
OGRID No. 226829	Operator Name BLUE DOLPHIN PRODUCTION, LLC	Elevation 7018'

Surface Location

UL or Lot	Sec.	Twp.	Rge.	Lot Id.	Feet from	North/South	Feet from	East/West	County
H	35	29 N.	1 E.		1500'	North	450'	East	Rio Arriba

Bottom Hole Location if Different From Surface

UL or Lot	Sec.	Twp.	Rge.	Lot Id.	Feet from	North/South	Feet from	East/West	County

Dedication 40	Joint ?	Consolidation	Order No.
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NO ALLOWABLE WILL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		NM Central NAD 27 N 2068.698 E 341.846 WGS 84 36°41'03.02" N 106°47'23.91" W	1500'
		Note - section footages scaled from NMOC protraction diagram.	H 450'
	35		



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Bradley W. Salzman

Printed Name

BRADLEY W. SALZMAN

Title

CONSULTANT

Date

8-10-04

SURVEYOR CERTIFICATION

I hereby certify that the well location on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey rev: 08/074/'04

Signature and Seal of Professional Surveyor

